

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (canceled).

Claim 2 (currently amended): A sound recording device according to claim ~~16~~, characterized in that 17, wherein the ~~sound recorders (2) display acoustic sensors have a unified distance~~ different distances from the reference position ~~(1)~~ and are arranged ~~on a circular or spherical element (5), whose center point is created by the reference position (1)~~ in a straight line.

Claims 3-5 (canceled).

Claim 6 (currently amended): A sound recording device according to claim ~~16~~, characterized in that 17, wherein the ~~sound recorders (2)~~ acoustic sensors are directly designed as acoustic-electric transducers.

Claims 7-8 (canceled).

Claim 9 (currently amended): A sound recording device according to claim ~~8~~, ~~characterized in that~~ 19, wherein the optical marking system is created by at least two light sources ~~(9)~~, each which in each case emits a characteristic light beam from the sound ~~recorder~~ pickup device in the direction of the ~~set-point~~ set position of the sound source within a respective predetermined zone for the most favorable sound ~~recording~~ pickup.

Claim 10 (currently amended): A sound recording device according to claim ~~16~~, ~~characterized in that~~ 17, wherein the arrangement of the ~~sound recorders~~ ~~(2)~~ acoustic sensors and/or their main receiving directions ~~(3)~~ and/or the ~~transmission delay~~ time of the ~~transmission time delay~~ elements ~~(8)~~ is automatically adjusted to a ~~change in the set-point~~ modification of the actual position of the sound source ~~in such a way, so that the reference position~~ ~~(1)~~ of the sound recording device ~~can follow~~ follows the ~~set-point~~ actual position of the sound source.

Claim 11 (currently amended): A sound recording device according to claim 10, ~~characterized in that~~ wherein the ~~configuration of the sound recorders~~ ~~(2)~~ acoustic sensors ~~can be~~ are displaced and/or ~~swiveled~~ pivoted individually or grouped and

that a displacement and/or pivoting drive ~~(16)~~ can be is
controlled ~~manually for displacing and/or swiveling, or by way of~~
automatic position ~~recognition~~ detection of the sound source.

Claim 12 (currently amended): A sound recording device
according to claim 10, ~~characterized in that~~ wherein the
~~transmission delay~~ time of the ~~transmission-time~~ delay elements
~~(8)~~ can be is controlled ~~manually or with~~ by automatic position
~~recognition~~ detection of the sound source.

Claim 13 (currently amended): A sound recording device
according to claim ~~16~~, ~~characterized in that~~ 17, wherein the
activity and/or the position of the sound source ~~can be is~~
determined by a correlator ~~(11)~~, to which are supplied the
signals of the ~~sound recorders~~ ~~(2)~~ acoustic sensors ~~are fed~~, or
~~that~~ the position of the sound source ~~can be is~~ determined by
measuring the time ~~delay variances~~ difference of the zero
~~crossover~~ crossings of the signals of the ~~various sound recorders~~
different acoustic sensors.

Claim 14 (currently amended): A sound recording device
according to claim ~~16~~, ~~characterized in that~~ 13, wherein the
electric signals of the acoustic-electric transducers, following
digitization, ~~are fed~~ supplied to a digital signal processor

~~after digitalization, which emulates a summation facility (6),~~
~~transmission time element (8) executes the functions of an adder,~~
~~and/or one or more delay elements, sound transfer element (18)~~
and/or ~~a~~ the correlator ~~(11)~~.

Claim 15 (currently amended): A sound recording device according to claim ~~16, characterized in that~~ 17, wherein the ~~sound recorders (2)~~ acoustic sensors are designed as segments of a one-, two-, or three dimensional directional elongated acoustic-electric transducer, whose surface at least approximately, or in a section, ~~matches~~ corresponds to a circular or spherical element.

Claim 16 (canceled).

Claim 17 (new): A sound pickup device for a public address system comprising:

at least two acoustic sensors for picking up sound emitted from a sound source and converting into electric signals, said acoustic sensors being spaced from a useful zone from which useful signals emanate, said acoustic sensors having directional characteristics and being oriented so that the axes of their main

reception directions are directed towards a reference position within the useful zone, said acoustic sensors being arranged with differing spacing to the reference position, the reference position corresponding to an ideal set position of the sound source, and directional vectors between said reference position and the acoustic sensors point in different directions;

a common signal amplitude add device electrically or acoustically connected to said acoustic sensors; and

delay elements associated with individual ones or all of said acoustic sensors.

Claim 18 (new) The sound pickup device according to claim 17 further comprising additional transmission elements whose transmission coefficients are adjustable to a consistent signal level of all acoustic sensors

Claim 19 (new): A sound pickup device for a public address system comprising:

at least two acoustic sensors for picking up sound emitted from a sound source and converting into electric signals, said acoustic sensors being spaced from a useful zone from which

useful signals emanate, said acoustic sensors having directional characteristics and being oriented so that the axes of their main reception directions are directed towards a reference position within the useful zone, the reference position corresponding to an ideal set position of the sound source, and directional vectors between said reference position and the acoustic sensors point in different directions;

a common signal amplitude add device electrically or acoustically connected to said acoustic sensors; and

an optical marking for indicating the ideal set position of the sound source.

Claim 20 (new): The sound pickup device according to claim 10 wherein only the delay time of the delay elements is automatically adjusted without adjusting the arrangement of the acoustic sensors or their main reception directions.

Claim 21 (new): A sound recording device according to claim 10, wherein the acoustic sensors are displaced and/or pivoted as a group and a displacement and/or pivoting drive is controlled by automatic position detection of the sound source.

Claim 22 (new): A sound recording device according to claim 18, wherein the activity and/or the position of the sound source is determined by a correlator, to which are supplied the signals of the acoustic sensors or the position of the sound source is determined by measuring the time difference of zero crossings of the signals of different acoustic sensors.

Claim 23 (new): A sound recording device according to claim 22, wherein the electric signals of the acoustic-electric transducers, following digitization, are supplied to a digital signal processor, which executes the functions of an adder, and/or one or more delay elements, and/or one or more of the additional transmission elements and/or the correlator.